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PAPERISED WEED PREVENTION
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- (56) Prior Art Documents
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- (57) Claim

Dry hammered paper is laid continuously to a minimum depth of 25 mm this depends on soil tilth thicker on coarse soil when a wetting agent is applied binding the hammered paper together blocking out sunlight therefore preventing weed growth and holds it down in windy conditions

ORIGINAL

COMPLETE SPECIFICATION

STANDARD PATENT

Invention Title: PAPERISED WEED PREVENTION

The following statement is a full description of this invention, including the method of performing it known to me:-

The invention is a more environmentally friendly way of weed prevention in the horticultural industry, in particular small crop farming.

The present form of weed prevention is a plastic film laid on the ground which cannot be recycled or disposed of unless buried or burnt.

There have been proposals using paper for weed prevention but these meant laying layers on top of each other by hand or sprayed on as a slurry.

This is not viable in small crop farming today as with the present method ("plastic") they lay 12 km a day.

With this invention the process involves using "hammered" paper which has been run through a hammer mill to break the fibre of the paper so there are no sharp edges to damage the seedlings and to be more absorbent so that the wetting agent binds it together blocking out sunlight therefore preventing weed growth.

The "hammered" paper is laid by machine onto the soil dry at a minimal depth depending on soil tilth and as the rear of the machine passes over it the wetting agent is sprayed on top. The wetting agent is mainly water but does have additives in certain conditions, high wind areas or where insects are a problem.

ABSTRACT

A paperised weed prevention device is disclosed. The device uses hammered paper laid dry in continuous length as required at minimal depth. A wetting agent is then sprayed on top binding it together. This device can be used in the horticultural industry for weed prevention in particular small crop farming.

The claim defining the invention is as follows:
Dry hammered paper is laid continuously to a minimum depth of 25 mm this depends on soil tilth thicker on coarse soil then a wetting agent is applied binding the hammered paper together blocking out sunlight therefore preventing weed growth and holds it down in windy conditions

ROBERT MARLIS

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